

ABSTRACT OF THE DISCLOSURE

A system and method for dissipating vortices that form at the wingtips on aircraft and from other airfoils. A jet air stream is
5 discharged in a location at or proximate to the outer end portion of the airfoil into the vortex flow, and the jet air stream is moved cyclically back and forth. The cyclic movement can be at lower or higher frequencies to alleviate at least in part intensity of the vortex or accelerate instability of the vortex which leads to vortex
10 dissipation.